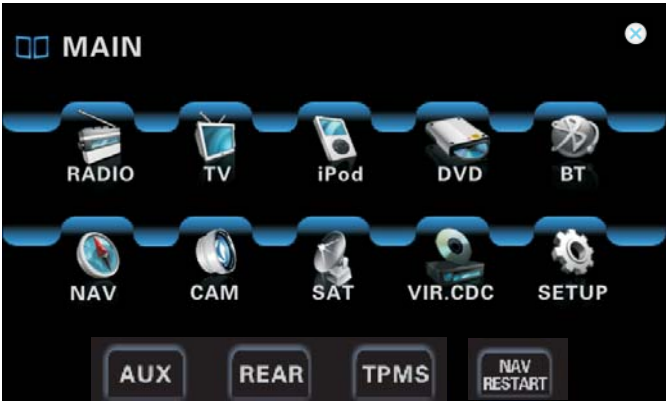
myron&davis®

by Johnson Safety Inc.

http://www.myronanddavis.com

User's Guide



USER'S GUIDE AND USE

The Myron & Davis In-Dash Navigation System includes a built in DVD player that should not be viewed by the driver while driving to avoid violation of State and Local Laws. This product should be installed by a professional to ensure proper installation and operation.

Myron & Davis is not responsible for any potential accidents, property damage or bodily harm resulting from improper installation or operation.

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Myron and Davis reserves the right to improve the product, and its hardware and software.

This manual is an operating guide, but not the warranty of the product. Myron and Davis doesn't guarantee the contents included in this manual.

Differences between the features of the product and the manual may result due to changes in product specifications.

Myron and Davis reserves the right of final interpretation for the manual.

Precautions

To ensure traffic safety and avoid violation of Local or State Laws, the driver should not view or operate the system while the vehicle is in motion. Accidents may result.

This product shall be installed by professional to ensure proper installation and operation of the system..

To avoid electric shock, damage or fire do not subject the product to water or dampness.

Do not disassemble or try to repair this unit, as smoke, fires or shocks may occur.

The optional Back Up Camera / Sensor is an assistant tool only. Myron and Davis is not responsible for any potential accidents.

Tire pressure monitoring system can monitor the pressure and temperature of the tire and helps to reduce the risk of tire failure. However, tire failure may still occur. Under normal tire pressure or temperature, tire failure can be caused by wear of tire and improper inflation. Therefore, the monitoring data of the system is only for reference, and you should check the tires on a regular basis.

NOTE

In order to use the product correctly and safely, please read this manual carefully. Specification and design due to technical improvement are subject to variation without notice!

Please read this manual carefully before using this product and properly keep the manual for future use.

Remark: the above symbol indicates that this product hasn't any harmful material or elements, it is environmental and recyclable, and shouldn't be littered at random.

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Note

Please carefully read all manuals and warranties that come with the product for safe operation. Some product specifications may have changed, which may result in differences in the content of the current manual and product features

1、Basic Operation

1.1 Turn on/off the Host Unit

◆ Turn on

If the unit was turned off the last time by removal of the key, reinsertion of the key will automatically turn on the unit again.

If the power button on the panel was pressed to turn of the unit the last time, pressing the power button lightly again will turn the unit back on..

◆ Turn off

Pull out the car key, and the system will recognize the information to turn off the unit.
Press and hold the power button for more than 2s, and the system will turn off automatically

1.2 Enter into Home Page Menu

When the radio is initially turned on the radio source is the default. To enter the MAIN Menu press the Radio icon on the top left of the touch screen.

Each source icon corresponds to the actual source as described.

Notes: because of the complex environment of NAV system, strong electromagnetic interference from the outside will cause abnormal operation of the NAV system: (for example: there is no image, cannot enter into map). In such a case, press NAV button on the panel to exit from NAV mode and return to home page, then press the "NAV RESTART" button, then press the NAVI button again to enter NAV mode, the system will show the information " Navigation is start now", and it will enter the normal NAV mode after 10s.

Note

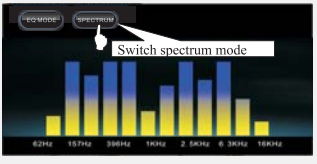
If a source icon is pressed and "Device not connected" is displayed the radio does not see a connection with the outside source.

1.3 Spectrum Display

While the spectrum display is enabled, screen will automatically switch to spectrum mode if there is no operation within 10 seconds when playing in radio, DVD or disc changer mode, or disc without video.
At video playing mode, open the home page, the screen will switch to spectrum mode after 10s.

Touch “SPECTRUM” icon to switch among different spectrum display modes (as figure shows).

Panel Board Spectrum



Rectangle Spectrum

1.4 Sound Field Mode

During spectrum mode interface, touch EQ MODE switch among different sound field modes.

- CUSTOM
- POP
- ROCK
- CLASSIC
- JAZZ
- FLAT

1.5 Volume adjustment of main machine

Turn the volume knob to the left or right to adjust the volume level

Press the Mute button on the panel to execute mute function, and “ ” icon will indicatethe mute mode.

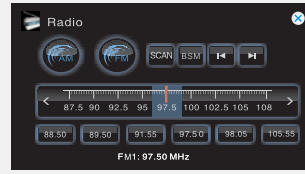
2、Function Operation

2.1 RADIO Function Operation

2.11 Enter/Exit

In the Main menu,and touch

to enter radio interface.



After several seconds,the spectrum is shown on the right–up side of the screen,then touch it to open menu,and touch the button “ ” to return to spectrum mode interface，

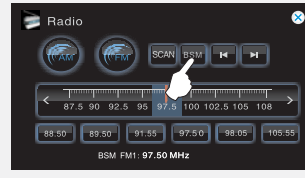
Touch the icon “

” to enter Main menu, touch these icons to enter the corresponding interface.

2.12 Automatic Search

Touch “ BSM ” icon to enter automatic search mode, and save the station automatically during automatic search.

Touch the “ BSM ” icon again to stop automatic search.



FM:87.50MHz~108.00MHz
AM:522KHz~1620KHz

18 radio stations can be stored for FM (6 stations for each of FM1, FM2 and FM3), 12 stations can be stored for AM.

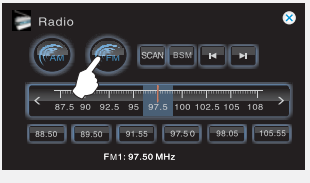
2.13 Semi-automatic Search

Touch [<] / [>] icon to seek previous or next available stations.Touch once to search,and touch again to stop.the search will stop when get the station,so press and hold the NO.of the station to save it.

2.14 Band Selection

Touch “FM” icon slightly to switch among FM1, FM2, FM3.

Touch “AM” icon slightly to switch among AM1, AM2.



2.15 Play a Selected Radio

Select the band first, and then press and hold one of the preset bars to set the station or touch “ [|<] / [|<] ” icon to select previous/next station(Selected station will be highlighted).

For example: The figure on the right represents FM1,and frequency is97.50MHz.

2.16 Scan Search

Touch the character “scan” to enter scan mode each station searched will play 5s,then begin to search the next station.Press character “scan” can stop searching.

2.17 Frequency point search

Touch the “frequency point” to search station according the frequency point you chose, and the station searched can be saved in the band FM3.

2.2 DVD Function Operation

This unit plays discs in formats like DVD/VCD/CD/MP3/JPEG/MPEG4/CD−R, etc. (Limited to diameter 12cm standard disc).

2.21 Enter/Exit

In the Main menu,and touch

to enter DVD interface.

Touch "

" icon to enter home page, and then touch other function to exit from DVD function.

If a USB/SD card hard disc is connected, touch the"

"icon again to access USB/SD card playing mode.

※ In RADIO/AUX/TV/iPod interface, insert the disc, the unit enters to DVD interface.

In Navigation mode, insert the disc, the unit can play the DVD, no video but sound; in other Navigation mode, insert the disc, the unit can not enter DVD interface.

2.22 Disc Eject/Load

- If while in the DVD mode and OPEN is displayed the radio is ready to accept a disc. Please insert the the disc with the label facing up
- If there is a disc in the DVD drive press the eject button to remove the disc. If the disc has not been removed from the radio withing 12 seconds it will be reinserted automatically

2.23 Numeric Keyboard

Touch the icon on the screen, To pop out the numeric keypad(as Figure on the right shows).

Touch the number,on the number pad to select a chapter directly, and then click to confirm.Touch to hide the numeric keypad.

Note: While DVD/VCD/CD playing, if you want to select the track more than 10 to play, first, click the button “10+”, secondly, click the second digit (Button 1-----9). For example, to select the track 58, first, click the button “10+” 5 times, secondly, click the button 8, it is OK.
While MP3/MP4 playing, if you want to select the track more than 10 , first, directly click two digits button on the numeric keypad and click the button “OK” to confirm the play. For example, to select the track 12, first, click the button “1”, second, click the button 2, finally, click the button“OK” to play.

2.24 Touch Menu Function Description

× FR

× FF

Previous track

Next track

Play/pause

Stop/Back to title menu/PBC switch (disc support is required)

AUDIO Switch DVD language (disc support is required); switch VCD sound.

SUBT Switch DVD subtitle select(disc support is required)

SAVE Audio can be saved into VIR.CDC while playing CD disc.

CAP Image can be captured when playing disc

Menu column of the next page

Enlarge/diminish image

RPT Repeat

Menu column of the previous page

SETUP Turn on/off DVD setting menu

※ While fast forwarding touch the rewind button to start playing the disc again
While rewinding press the fast forward button to start palying the disc again

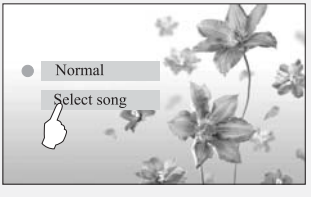
Touch the screen for more than 2 seconds to open the control menu.

Touch icon to exit from touch menu.

Touch DVD icon to enter home page menu.

DVD Disc Playing

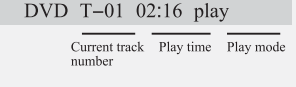
If the DVD has no menu,the system will automatically read the disc and play directly.if the disc has a menu,touch the menu item to play.



You can touch the name of your favorite song directly to play.

Touch the icon to return to main menu of the disc(Disc support be required).

During playing a disc, click the upper right part of the screen to display the play information.(as right picture show)



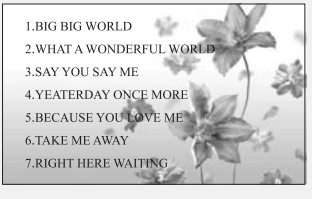
Note

During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of DVD function operation "Functions of Touch Menu".

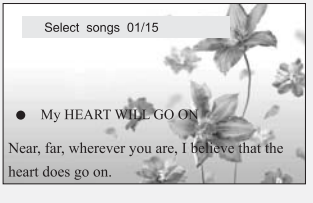
VCD Disc Playing

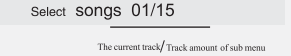
Insert a VCD,and the disc will be read and automatically played in normal order.

During play a disc, click to return to disc PBC menu contents. (Disc support be required)



If the disc supports function which you can select digit directly to play selected song, open the digit keyboard to select song to play directly.





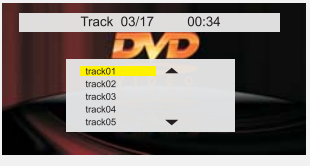
The current track/ Track amount of sub menu

Note

During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of DVD function operation "Functions of Touch Menu".

CD Disc Playing

Insert a CD,and thedisc will be read and automatically played in normal order.



Track 03 / 17 00:34

The current track/ Track amount of sub menu — Play time

Touch directly the song name to play too. Touch ▲ / ▼ cursor to select track.

During playing a disc, the system will automatically switch to spectrum mode if there is no operation within 10s.

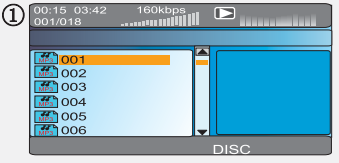
If the disc has the title, the track can be chosen directly by the number pad.

Note

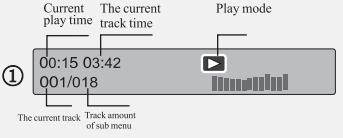
During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of DVD function operation "Functions of Touch Menu".

Mp3 Disc Playing

Put MP3 disc into the DVD player, and the disc will read, and the system will play the first file automatically.



Disc play information mode name



Touch directly the song name to play too. Touch ▲ / ▼ cursor to select track.

During playing a disc, the system will automatically switch to spectrum mode if there is no operation within 10s.

Note

During playing, operate the touch menu to perform various play controls. For function definitions of touch menu, please refer to the 4th item of DVD function operation "Functions of Touch Menu".

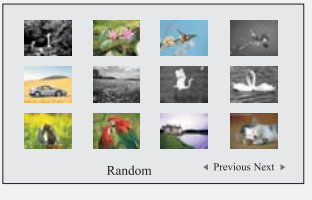
JPEG Disc Playing

- Put JPGE disc into the DVD player, and the disc will be read, and the system will play the first file automatically.

Play Status:

- During playing, click once to return to image browse interface.

Browse interface:



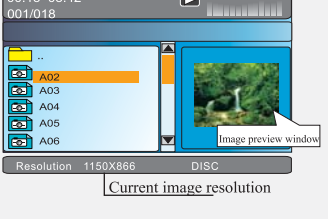
- Click directly the picture to begin playing

  Click Previous Next to page up/down to browse images.

  Click the icon "random" to play the picture in the current folder at random.

  Click one more time,it can return to the catalog menu interface.

Contents menu interface:



Click to page up/down to browse images.

- Click the scroll bar to view the file list, click file name to play.
- On the directory menu, to return the folder directory menu, click the icon again or Click the icon “ ”.
- On the subdirectory menu, click the subdirectory to play the picture.
- While in browse interface, click to obtain current image and use it as the start-up image for DVD mode custom mode.

Note

- Only by setting “Startup Picture” on the “Universal Setup Page” as the “Customer image” in the DVD setting menu can the snatched picture be used as the startup picture display.
- When you capture an image again, the previously captured image will be replaced automatically.

SD Card Playing

The SD Card slot on the front of the unit labeled GPS is for GPS Map only!

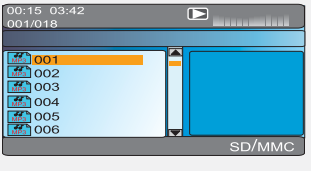
❶ Insert /Take out SD Card

To insert an SD insert the card into the slot designated by the SD emblem until it clicks into place

To remove the SD card exit from the SD card source then gently press it in to unlock it and the card will eject automatically

❷ Enter to SD Card Playing Mode

While in DVD function mode, touch the DVD icon to enter home page menu, and then touch DVD to enter SD card playing mode.



After the SD card is read, the operation is the same as the one for playing MP3 disc. For detailed information, please refer to “play Mp3 disc ”.

Play Portable Hard Disc

This radio is equipped with a USB mini port that can connect to portable USB devices

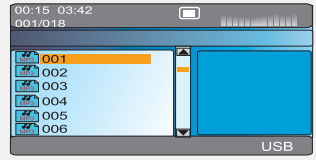
❶ Insert / Take out Portable Hard Disc

To insert a USB device to this radio simply plug it in.

To remove the USB device exit from the USB mode and then remove the USB device.

❷ Enter Portable Hard Disc Playing Mode

While in DVD function mode touch t he DVD icon to enter home page menu, and then touch DVD to enter portable hard disc playing mode.



After the USB device is read, the operation is the same as the Mp3 operation. Please refer to the “MP3 instructions” for more operation instructions.

※ USB manufacturers might have different standards that can cause the radio to not perform correctly.
Please make sure that the USB cable is kept as short as possible to keep abnormal operation to a minimum

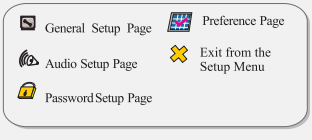
Note

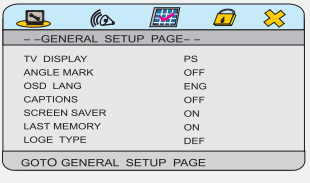
If the radio has a DVD, SD and USB card inserted at the same time all three sources can be toggled by continuously pressing the DVD button on the front face.

DVD System Setup

❶ Turn on/off

Enter to DVD mode, open the touch menu.
Gently touch " setup" .





(General setup page interface)

Click

again to exit from the setting menu.

On the DVD mode, click the icon to enter the corresponding function interface.

❷ Operation

Touch directly the icon of each setup menu on the screen to select the item to confirm the current setup. Click icon to exit.

General Setup Page

- TV Display

  Normal/Ps Images will be scanned and output in the format of “Panorama”

  Normal/LB Images will be output in the format of “Message box”

  Wide Images will be output in the format of “Wide screen (16:9)”

- Angle Mark

  On/Off Displays the angle mark

- OSD Lang

  English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai/Chinese/Francais/French/Italiano/Svenska/pyccknn

  Select the DVD system interface language of the player

- Captions

  On/Off Select display or hidden the subtitle of the disc (needsthe disc backing)

- Screen Saver

  On/Off When the player is placed in the stop mode or when picture is held still for 3-4 minutes, the screen saver picture will appear.

- Last Memory

  On/Off During DVD playing, reset the player and switch to DVD mode or switch to other mode and switch to DVD mode again, then the player resumes the last playing parameters, and user’s can turn on or turn off this function by on or off button.

- Logo Type

  Default Display the default logo type

  Captured The Logo type is the grabbing picture of the consumer.

Audio Setup Page

◆ SPEAKER SETUP

- DOWNMIX

LT/RT	Dolby stereo, distributing the sound from the middle and the surround channels to the left and right stereo.
Stereo	During playing of the disc, the audio output left and right channel signal.
V Surr	The left and right channels create surround sound effect
OFF	The audio output 5.1 channel audio signal(only support 5.1ch DVD disc)

- Speaker

Front speaker Center speaker Rear speaker Subwoofer

"LRG" means all band speaker "SML" means the medium and tweeter speaker

The consumer may adjust depending on the practical speaker configuration.

- Test Tone

On/Off	When the test tone is turned on, the system will play a section of test audio in accordance with the sequence of the front left, center, front right, right surround and left surround sequence. If there is audio signal output, the connection of the player and 5. 1 channel power amplifier and setup is correction, otherwise, the connection and setup is wrong.

- Dialog

00–20	Adjust the volume of the DVD disc dialogue . (It is unavailable to this model).

- Post DRC

On/Off/ Auto	It is to set up the post DRC ratio of sound. It is suggested that the post DRC is set up to "Auto" mode.

◆ SPDIF Setup Page

- SPDIF Output

Output/Off	Meaning that the output signal is an analog signal
SPIDF/ALL	Meaning that the true form source code flow of the DVD disc is delivered directly through digital port
SPIDF/PCM	Meaning that the code flow of the disc had been decoded before it was encoded into the PCM digital signal output. That entry is selected when the DVD audio output analog signal is connected with 2-channel digital stereo amplifier.

- LPCM Output

48K	It is available to convert 96 K LPCM digital audio into 48K LPCM output when selecting LPCM as 48 K. (That entry is selected when your power amplifier does not support 96K LPCM decoding.)
96K	It is available to deliver the LPCM digital audio in true form output when selecting LPCM96 K.

Note

The setup of PCM channel entry can only be carried out when "SPDIF OUTPUT" is set to be "SPDIF/PCM "or "Other". If the sampling rate of LPCM of the disc is smaller than the sampling rate chosen, then the smaller output is delivered (if the disc is 48 K, but the consumer's selection is 96K, the actual output is 48 K)

◆ Dolby Digital Setup

- Dual Mono

Stereo/L-Mono
R-Mono/Mix-Mono — This entry is the selection of Dolby digital channel setup

- Dynamic

FULL–OFF	The greater the dynamic range compression rate, the less obvious of the dynamic range difference

◆ Channel Delay

- Select the sound configuration through up/ down cursor. Touch Left/right cursor to adjust the sound delay distance of the sound chosen.

- The Sound Delay Distance: Select different sound transmission effect in different space and the magnitude of space decides the magnitude of delay

◆ Equalizer Page

- Eq Type

  Done/Rock/Pop/Live/Dance/Techno/Classic/Soft

  This setup is to set up the player output audio and it is available to imitate various effects of music style

- Bass Boost

  On/Off This setup is to set up whether or not enhancement of bass output

- Super Bass

  On/Off This setup is to set up whether or not enhancement of super output

- Treble Boost

  On/Off This setup is to set up whether or not enhancement of treble boost

◆ 3D Processing Page

- PRO LOGIC II

  On/Off/Auto Dolby directional logic setup, the setup is only effectively when "DOWNMIX" setup in "Speaker setup" is setup to "OFF" .

- Reverb Mode

  Off/Concert / Living/Room/Hall/bathroom/ Cave/Arena / Church

  The setup is set up the reverb mode to obtain different reverberatory effects.

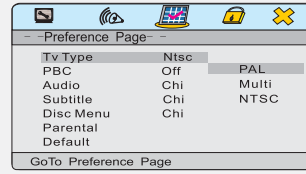
◆ HDCD Setup Page

- Digital Filter

  Off/1X/2X Digital wave filter: This option is used to select the sampling frequency for the digital wave filter. The more the sampling frequency is, the clearer and more perfect the tone quality is. The set-up at delivery from the factory is 1X. Under such set-up, the reading of hdcd displays cd. To play hdcd, please set it to the default value or 2X.

Preference Page

Preference Page can only be set up when the disc is exiting from compartment and in no disc mode.



- TV Type

  PAL/MULTI/NTSC Setup the type of the video system
  (This system is recommended to set up NTSC mode).

- PBC

  On/Off Set the ON/OFF of the PBC menu play control. Turn on the PBC play menu, when playing 2. 0 version and above disc, enters the menu folder automatically when reading.

- Audio English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai

  It select the language of the sound when disc is playing(needing disc backing)

- Subtitle

  English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai

  It select the language of the subtitle on the disc(needing disc backing)

- Disc Menu

  English/French/Italian/Swedish/Spaish/Chinese/Japanese/Korean/Russian/Thai

  It select the language of the disc menu(needs disc backing)

- Parental

  1 KID SAF/2 G/3 PG/4 PG 13/5 PGR/6 R/7 NC17/8 ADULT

  It set the locking level of the disc menu.

- Default

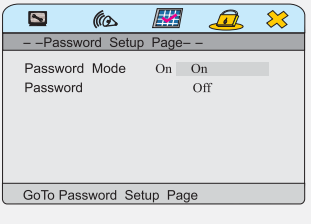
  Reset Resumes the function setup column to the original mode of player before delivery from the factory.

Password Setup Page

- Password Mode

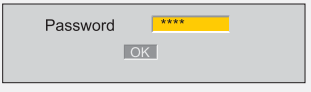
  On/Off

  When the setting is enabled, the password setting is enabled. For watching the disc with password lock or changing the age class setting, the system requires you to enter password first.



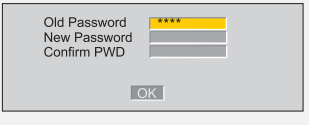
When the setting is disabled, the password setting is disabled. If the password has been set, enter the original password to cancel the original password first to cancel the password setting.

As the figure shows, use remote number key or touch the number pad of the touch screen to enter correct password and confirm.



- Password

Select sub-item “Change” in password options and press OK to access password change page. As the figure below shows, enter the new and old passwords respectively, and press OK key to end.



- The original password of the system is “1389”

Exit from the Setup Menu

Press ✖ to confirm and exit from the setting menu.

2.3 Bluetooth Handsfree

- This radio provides a Bluetooth hands free communication function. If your mobile phone is bluetooth enabled, it can establish a point to point connection with the system providing telephone dial and call answering, Call history, and Bluetooth music streaming.

※ Note: As the Bluetooth modules and software of cell phones with different brands are different, some functions may be different or even not compatible with this radio.

2.31 Enter/Exit

Touch to enter bluetooth main interface.

Touch " " icon to exit from bluetooth interface.

2.32 Touch Menu Function Description

Enter the Bluetooth interface

Phone book enable

Enter the Bluetooth setup interface

The Bluetooth music interface(phone support is required)

Make a call

Hang up

Voice switch between the cell phone and speakers

Clean

2.33 Pair/Connect

To use the Bluetooth hands free function the Radio needs to be paired with the Bluetooth enabled cell phone. While in the Bluetooth menu press the SETUP tab

Bluetooth main interface (as figure shows).

- Touch the PARING icon to start the pairing process. The radio will display “PAIRING”. While this is displayed the end user will have to go into the cell phones Bluetooth menu pick select the “MD” option. At this time the end user will have to enter the 1234 as the code. After the code has been accepted “Connect” is displayed and the icon will be displayed on the upper right hand side of the screen.

- CONNECT After pairing is complete and the Auto Connect feature is not selected this button will have to be pressed to establish a manual connection

- AUTO CON For automatic connection, if matching succeeds, the connection can be reestablished automatically after the main machine is off; and the connection can be reestablished automatically after several seconds if the connection is off.

- AUTO ANS If this feature is selected the radio will automatically answer the phone after the third ring.

2.34 Modify the name and password

On the setup interface,touch the icon MODIFY enter the modify interface.

To change the name of the radio that the phone will see simply press the RENAME icon . Once the name has been selected press the ↵ icon to confirm the name change.

If there has been an error with changing the name simply press the DEL button.
Press the RTN icon to exit.

Changing the password is similar to modifying the name. If the name and password have been changed they will appear when the Bluetooth has been disconnected

2.35 Dialing

Pairing is OK PHONEKEY

You can dial a number through mobile phone or enter telephone number on the number button from screen.

Click number button to enter number, Number line show input number, if input wrong number, click C to delete one by one.

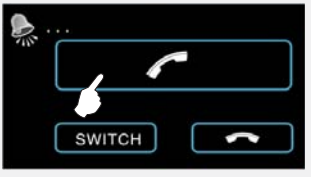
After entering the telephone number, click to call number.

Touch to hang up

During a call press the button to switch between the hands free and the hand set.

2.36 Answer the Phone

When there is an incoming call the radio will automatically switch to this screen. The ring tone on the phone will play through.

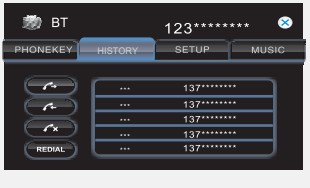


Touch interface to choose answer or refuse. If “answer ” is set up for : “automatically answer”, after three rings, it will automatically connect and incoming telephone number will be displayed in the number line.

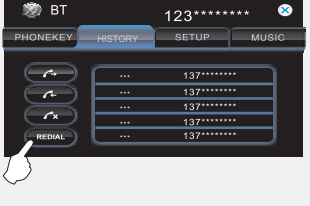
2.37 Call History

Touch icon

The call history screen will appear. This screen displays incoming, outgoing and missed call. The 5 most recent in all categories will be displayed.



While in the call history screen the end user can select a number form any of the categories and then press the button to make a call.



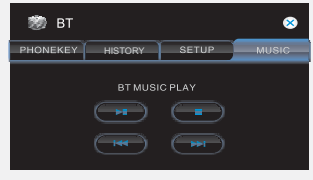
2.38 Bluetooth Music Streaming

If the cellular phone supports A2DP music streaming the radio can play music that is stored on the cell phone through Bluetooth.

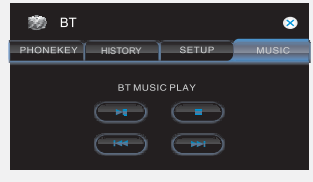
Touch

icon

Pair and Connect the Cellular Phone



When phone is paired to the system, activate bluetooth music play on the phone.You should be able to hear audio through the car's speakers. You can control music play through the touch screen interface.



Play/pause

Stop

Play previous track

Play next track

Click the setup icon to exit from bluetooth music play.

- Only supports bluetooth mobile phone has “stereo player” or “telecontrol” function , which can operate music playing interface.
- Music of the cell phone can be played only while in the bluetooth music play interface.
- While in music playing mode, the screen will automatically switch to spectrum interface if there is no touch operation within several seconds.

2.4 VIR.CDC Function Operation

While playing CD，save the contents of CD into the unit in form of mp3.This function is available .

2.41 Saving to Memory

While playing a cd press and hold the screen for more than 2 seconds. When the menu appears press the SAVE button. This screen will appear. The user will have to select which location they would like to save the cd to.

During copying of a CD, playing CD continues; touch the icon “ ” twice to stop copying CD

Note: During copying CD, click one of “disc 1---5”, copying CD starts from track 1; click on the icon “my favorites”, copying CD starts from the current track, can store about 60 songs.

Touch the “ CDPLAY ” icon to returnto the home page interface and touch other function icon to exit.

2.42 VIR. CDC Playing

After CD contents are copied to the virtual CDC,touch the icon VIR.CDC to play.

DISC1 T–01 02:47 PLAY

No. current disc player/track | Current play time | Play mode

Touch the icon ⏮ ⏭ to select the previous/next track to play. Touch the track name directly to play also

Note: the character "**>**" shows the track which is playing.

2.43 Touch button function

Play/pause

Previous song

Next song

Delete

Previous track

Next track

2.6 iPod Function Operation

When the unit is connected with an external iPod player, plays the audio and video files stored in iPod player.

2.61 Enter/Exit

Touch

to access iPod main interface.

Touch the "

" icon to return to the home page interface and touch other function icon to exit.

Note: If the iPod player is connected when the unit is on, the iPod player can be detected after restarting the host unit.

2.62 Description of Touch Button

Pop up/hide the number pad

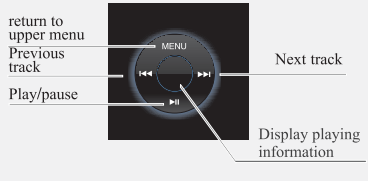
Repeat the current played song

Scan and play songs in the current folder. The next song will be played after the current song has been finished for 10 seconds.

Play songs in the current folder at random.

Turn a page up

Turn a page down



2.63 Numeric Keyboard

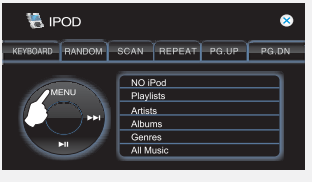
Enter the song number by the digit keyboard to play the song.

click the digit button to select,and then click OK to confirm, and the selected song will be played.

※ click 10+ will invalid, if you choose track above 10,you can click two digits directly to play.

2.64 Main Menu

Touch MENU to return to the upper menu.



The system classifies files according to the above-mentioned 6 types and stores files in the corresponding folders. Click to open a folder and play the first file.

Directory name

0.NO iPod	
1.Playlists	Playlists
2.Artists	Artists
3.Albums	Albums
4.Genres	Genres
5.All Music	All Music
6.Video	Video

2.65 Audio File playing

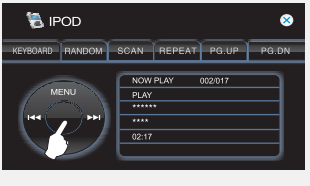
Touch the song to directly play the song.

Touch to select and play the previous/next song.

Open the digit keyboard and enter the song No. to play.

2.66 Playing Information

Touch the center of the control plate, and the play information will be displayed in the box on the right:



Play information name

NOW PLAY 002/017

Current play track number/total number

Baby - - - - - - - - - - - opern

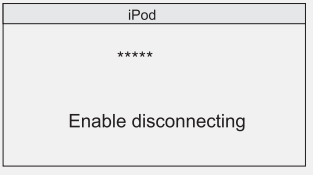
M.N - - - - - - - - - - - Special

02:17 - - - - - - - - - - - Play time

PLAY(PAUSE) - - - - - Play/pause

Click MENU to return to the play contents menu.

iPod player display image:

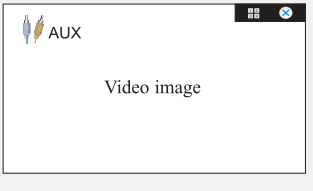


In this mode the iPod player can not be operated

2.67 Video File Playing

Touch MENU to return to iPod main menu and then click video play. Main control is switched back to the iPod. Select video file to play and the video will be played on the system's screen.

Enter video play interface:



While in video playing mode, touch the screen lightly to open the touch menu. Touch the " AUX " icon, and click iPod to enter iPod operation interface, touch MENU to return to iPod main menu and then click 1. Playlists item to exit from video play and return to audio play.

※ Because iPod continually updates, some older iPod's because of software discrepancy maybe not be compatible with our product.

Note

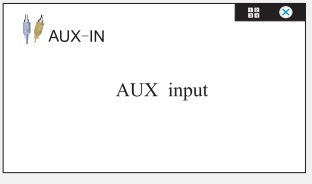
When selecting the video play，you should switch to iPod operation mode, and execute through iPod player operation; otherwise, sound with no image may occurs during playing.
For detailed iPod operation, please refer to the iPod player manual.

2.7 AUX Function Operation

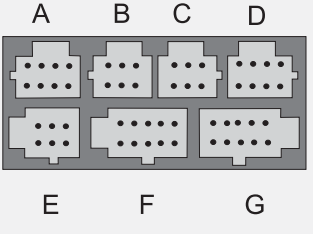
At the back end of unit ,there are muti-functional compound connection A and D. both connections should connect to audio and video input port, so that this function will valid.

2.71 Enter/Exit

In the Main menu,and touch AUX to enter **AUX** interface.



Touch the " AUX " icon to enter home page interface, and touch another function icon to exit from the AUX function mode.



Note

Both the A and D interfaces of multi-function interfaces on the rear of the host unit can be used as AUX input interface, but it can not make two AUX input port at the same time,only one of them can be used.

When both the A and D interfaces are not connected to other device, please select A interface prior to B when selecting AUX input; otherwise, AUX input will be disabled.
The built-in TV interface A cannot be used for AUX input.

2.8 SAT Function Operation

This function is only available when connected to a Satellite Radio receiver.

2.9 NAV Function Operation

2.91 Enter/Exit

When in the MAIN menu touch the

icon to enter into the navigation source. The “NAV” button can also be pressed on the outside trim of the radio.

While in navigation mode, press NAV button on the panel to exit from navigation mode and return to other playing mode.

2.92 Navigation Audio and Video Function

The user can select a route on the navigation system then switch back to another source. At this time the end user can listen to any other source while still receiving audio prompts from the navigation system. This option can be turned off or on in the setup menu

2.93 Music Function During Navigation

While in navigation mode with music playing in the background the end user can listen to music uninterrupted until the navigation system needs to offer guidance.

2.94 Volume Adjustment

While the user is in the navigation screen and has music playing in the background the volume knob will adjust the main volume of the unit. While the navigation system is speaking the user can adjust the volume of the navigation voice.

2.95 Function Operation

This product also allows touch and write for destination search. If you know all operation functions , please refer to manual of navigation module.

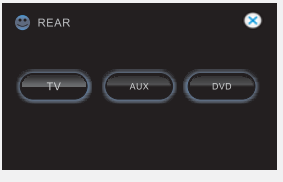
2.10 Rear Zone Function Operation

The system offers Rear Seat Entertainment operation , namely the driver can enjoy music or radio while the passenger can watch DVD, TV or AV disc changer program through the dedicatedRSE screen(s) in the back row without interference.

2.10.1 Enter/Exit

Open the touch menu and touch

to enter to RSE while in any playing mode.(except NAV)



Touch " " icon to exit.

2.10.2 Operation

Touch one of the "TV/AUX/DVD" icon to select the RSE media playing source.

Note

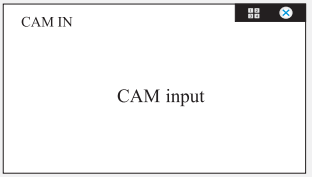
For detailed operation of RSE, please refer to RSE User's manual.

2.12 CAM Function Operation

In this mode, if the rear camera is connected, you can view the picture from the rear camera.

2.12.1 Enter/Exit

On the main menu, touch the icon to enter the rear camera interface



Touch the icon " " to enter main menu, touch other function icon to enter the corresponding interface.

3、System Setup

Basic Operation of Setup Menu

3.1 Enter/Exit

On the main menu, touch the icon

to enter system setting main interface.

Touch “

” icon to exit the current menu.

3.2 System Setup

Touch

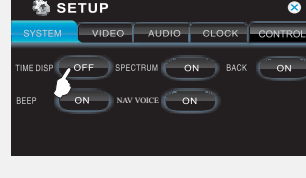
to enter system settings.

Touch “ ” icon to exit.

◆ Time Setup

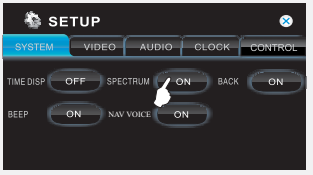
Touch TIME DISP

icon to turn on time display function, and the time will displayed on the lower right corner of the screen.



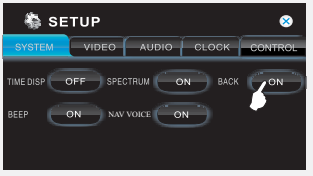
◆ Spectrum Display

Touch icon to turn on/off spectrum display funtion.



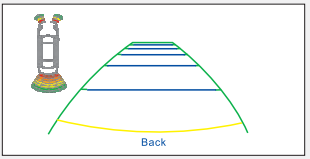
◆ Back Up Camera

Touch icon to turn on/off reverse function. If back-up sensor and camera are connected, the screen will display the reverse mode information when in reverse gear.



1、Center mode(the steering wheel return-to-zero position)

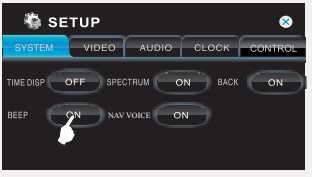
In back up sensor mode, the image(as shown on the right)will display on the screen. The trapezoid about 0.35m away from bumper, which is made up of 6 graduation marks with different color. The width of trapezoid is about 2.1m and the furthest graduation mark is about 6m away the rear of the car. The distance is 1m to 6m in turn.(To ensure the safety, the guide line is wider than the actual width of the car.



This display is shown only if there is a back up sensor connect and no camera.

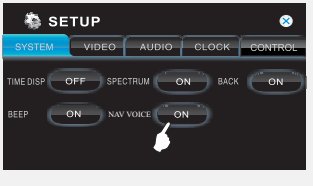
◆ Button Tone:

Touch OFF icon to turn on/off button tone function, which allows corresponding button tone when you click a screen icon and press a button.



◆ Navigation AV:

Touch the “NAV VOICE” button to the ON position to hear the navigation voice while in any source. If turned OFF the navigation voice will not be heard in any source.



3.3 Video Setup

Touch “Video ” icon to enter video settings.

Touch to adjust the brightness, chroma and contrast of the image.

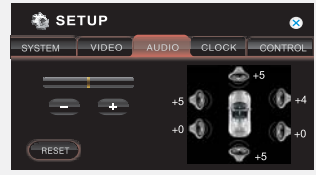
3.4 Audio Setup

Click “Audio ” icon to enter audio settings.

Touch the icon “treble/middle/bass” , touch icon to adjust the tone

Touch the icon “ ” to setup the audio to the default value.

Touch the icon to enter the sound field setup interface.



While touching the icon , the corresponding icon shown in the right corner of the screen, touch the icon to adjust the speaker volume, touch to setup the audio to the default.

Touch “ ” icon to exit.

Note

“Center volume” adjustment is available only when 5.1-channel is on.
Only play 5.1ch disc , you can set up 5.1ch on turn on mode.
When play VCD ,CD ,MP3 disc ,please do turn off 5.1ch.

3.5 Time Setup

Touch the icon “ Clock” to enter the time setup interface.

Touch to select and set the hour or minute (when the selected item flashes, the adjustment is enabled).

Touch icon to adjust hour/minute, and touch SET icon to save the adjusted time.

Touch icon ,click the icon "12h",and the number will flashed; the character "A" displayed on the screen means AM,and the character "p" means PM.

Touch iconr to select 24-hour system.

3.6 Control Calibration

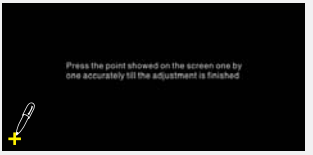
Touch icon to enter control calibration.

- Touch Screen Calibration

  If deviation occurs to touch screen, you can correct the touch coordinates through "Touch calibration".

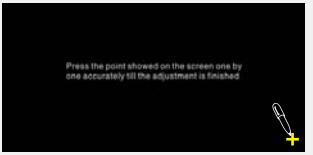
  Touch "Touch calibration"icon to enter touch calibration.

Touch the lower left corner

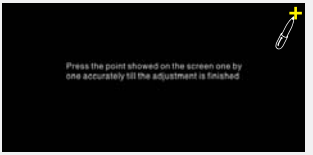


Use the stylus to touch the center point of the “+” icon to move to the next location

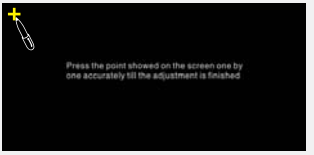
Touch the lower right corner



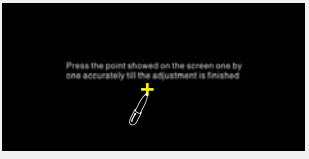
Touch the upper right corner



Touch the upper left corner



Touch the center



Done!

Note IF the touch screen becomes inaccurate this calibration technique should be employed.
Make sure that while in the touch screen calibration that the center point of the “+” icon is touched, otherwise the accuracy will be off.

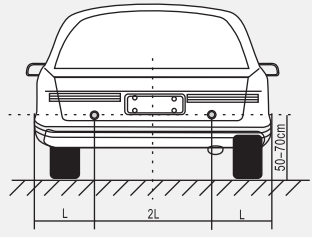
4、Accessories (optional)

Our products are in series, there will be slight differences in functions and accessories according to the specific specifications, for example, GPS and back-up camera. So for your own interests, please check all the accessories and packing list.

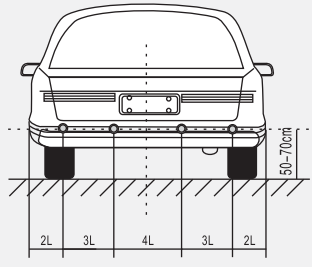
4.1 Car Backing Sensor Installation

According to the quantity installed, the positions can be as follows：

2 probes



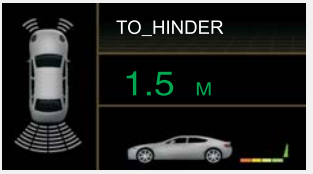
4 probes



※ The final installation position can beadjusted slightly according to your car dimensions.

- Reverse Display

If the back-up sensor is connected but the reverse camera is not connected, screen display while reversing:



If both the car backing camera and back-up sensor are connected, screen display while backing a car.

There is only a camera picture if the backing camera is connected, but not back-up sensor when backing up the car.

When back-up sensor and all sensors have been connected and the distance between back-up sensor sensor and barrier is less than 0.3 monitor will display red signpost and STOP.

connect to camera

without connecting to camera

- Display of Radar Detection

1.When the distance between back-up sensor sensor and barrier is more than 2.0m, there will be a "BACK" on screen bottom.

2.When the distance is less than 2.0m but more than 1.2m, the distance will be displayed on screen bottom and buzzer does not work, and sensor is now working in warning area.

3.When the distance is less than 1.2m but more than 0.3m, the distance is displayed on the screen bottom and buzzer beeps, closer, the more frequent buzzer beeps. Sensor is now working in slow down area.

4.When the distance is less than 0.3m, it will display “STOP!” on screen bottom, buzzer gives out continuous sound, sensor is now working in stop area.

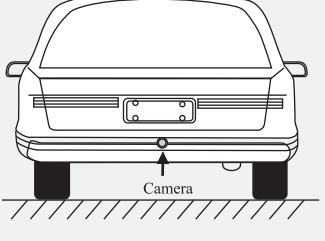
5.RPA (Reverse Parking Assistant) display while the distance between the vehicle and obstacle decreases, the red bar increases; while the distance between the vehicle and obstacle increases, the green bar increases.

6.The unit analyzes the data from 4 sensors, and the minimum value, its meaning is the distance between the vehicle and obstacle, will be shown on the screen.

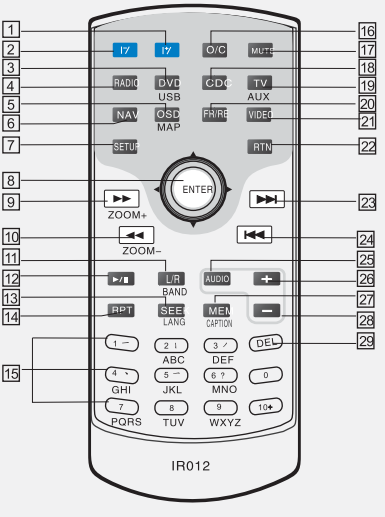
4.2 Car Backing Camera Installation

The standard installation position of the water-proof concave camera is as shown in right figure.

The ordinary camera can be installed in any water-proof position needed.



4.3 Description of the Buttons on Remote Control



NO.	Button	Description of Button Function
1		Slide up(unavailable for fixed monitor)
2		Slide down(unavailable for fixed monitor)
3	DVD/USB	1.Switch to DVD mode in any mode. 2.In DVD mode, press it repeatedly to switch the mode among USB/SD/ DVD mode in turn.
4	RADIO	Switch to RADIO mode.
5	OSD/MAP	1.In DVD or CDC mode, turns on playing information display; 2.In navigation mode, switch menu between the map and current place.
6	NAV	1. Select navigation mode; 2.Press this button in navigation mode can enter navigation main menu.
7	SETUP	Turn on/off the setup menu.

NO.	Button	Description of Button Function
8	◀ ▶	1. In RADIO mode, seek previous/next station for play 2. Fast forward /backward in CDC mode 3.Manual TV fine tuning mode 4. In menu setup mode, adjust parameters 5.In DVD mode, no play function
	▲ ▼	1.Adjust previous/next station step by step in RADIO mode 2. In TV mode, select previous/next station for play 3.In CDC mode, select next/ previous track or chapter 4. In menu setting mode, select setting menu item. 5.In DVD mode, no play function
	ENTER	1.Press it vertically as function confirm button 2.In the fast forward/backward multiplication speed play mode, press it vertically can return to normal mode.
9	▶▶	1.In RADIO mode, search high frequency station semi-automatically; 2. Fast forward in CDC, DVD mode; 3.In navigation mode, press it to magnify map function.
10	◀◀	1.In RADIO mode, search low frequency station semi-automatically; 2. Fast backward in CDC, DVD mode; 3.In navigation mode, press it to minify the map.
11	L/R/ BAND	1. In RADIO mode, switch band among FM1,FM2 and AM in turn; 2.Switch sound channels during VCD playing. 3. Switch the language of the disc during DVD playing.(needing disc backing)
12	▶/II	1. At DVD or CDC mode, switch mode between play and pause; 2. Select different input methods in navigation mode.
13	SEEK/LANG	1. In TV and RADIO mode, search station automatically; 2. Switch language of the disc in CDC, DVD mode(needing disc backing).
14	RPT	In CDC, DVD mode, repeat single track or all the tracks in the disc.
15	Number button	1. During DVD playing, select track directly; 2. When inputting characters in navigation mode, you can use input method to do it. 3. In CDC playing mode, press 1~6 buttons to select discs directly, press 7 to open DVD setup menu and press 8 or 9 button to select disc up/down. 4. In navigation mode, when you want input the words, press the button directly to input the words.(navigation system is required.)
16	O/C	Open/close monitor. (Unavailable for fixed monitor)
17	MUTE	Turn on/off volume. (Unavailable for fixed monitor)
18	CDC	Select CDC function when connect with DVD changer.
19	TV/AUX	Select TV/AUX function(It is valid when connect with external TV box or AV signal).

NO.	Button	Description of Button Function
20	FR/RE	Switches between dual zone.
21	VIDEO	It is unavailable for this player.
22	RTN	1.During disc playing, return to main menu; 2. Return to map display menu as the main menu of navigation is turn on.
23	⏭	1.Select the next station in RADIO/TV mode; 2. In CDC, DVD mode, select next track/chapter.
24	⏮	1.Select the previous station in RADIO/TV mode; 2. In CDC, DVD mode, select previous track/chapter.
25	AUDIO	Select EQ among FLAT, CUSTOM, POP, ROCK, CLASSIC and JAZZ.
26	+	Increase volume.
27	MEM/CAPTION	1.Store the station in the RADIO or Tv status; 2.Switch subtitle in DVD, CDC status(needing disc backing).
28	−	Reduce volume.
29	DEL	Delete the words in the navigation mode.

5、Precautions

5.1 Precaution When Using the Product

Do not insert the coins or other foreign objects.
Do not disassemble, alter or try to repair this unit. .This product is composed of precise electronic components. Accidents, fires or shocks may result.

Do not subject the unit to water or other fluids as smoke, fire or shocks may occur.
Do not use thinner or other chemicals to wipe the surface of the display screen. The dirt should be wiped off by soft cloth.
If water or other substance enters into the product, please turn off the power supply immediately and contact the distributor.
Please turn off the power supply first when you plan to clean the machine.

Do Not plug-in or unplug the SD map card and connect a wire or accessory during start-up to avoid damage to the main machine or accessory while plugging in or unplugging.
If the drive mechanism is jammed, Do Not force. Please call a dedicated maintenance person to repair.

5.2 Precautions for Installation of AMP

Check if the resistance of the speaker matches with that of the AMP.
Please use high-quality speaker wires, and the length of the wire must be exact.
Connection jack must be inserted accordingly
To reduce the static noise, adjust the volume to the 2/3 of the max volume, and adjust the volume of the AMP to the distortion when with AMP.
While installing, the input and output wire must be away from the power wires and the wires of the car computer, or it will cause noise.

5.3 Precaution for Discs

Discs with dirt, dust, scratches or warped on surface will cause malfunction.

Do not place a disc on sharp object or the disc may be scratched.

When not in use, the disc should be taken out.

The following places are not suitable to place a disc.

1.Under direct sunshine.

2.Dirty, dusty and damp places.

3.Near auto heater.

4.Seats or dashboard of a car.

Do not use discs with a diameter less than 12cm (not including 12cm) or discs with irregular shapes such as heart or octangular shape, etc.

Disc cleaning: Rub the disc surface with a soft damp cloth; If the disc is quite dirty, use soft damp cloth with alcohol to rub gently. Please don't use solvents such as gasoline or common disc

6、Trouble Shooting

Before sending this player for service as required, please carry out inspection or small adjustment according to possible causes of occurred problems stated on the list below. It is possible that problems will be solved and this player will go back to normal operation. If you have any doubt about the problems on the list or the problem can't be solved effectively by following the remedy as instructed, please contact with our company or professional service center.

Problem	Possible Cause	Remedy
No display of LCD	Fuse blowing	Replace with a new fuse
	Loose wire	Reconnect properly.
	Communication between main machine and vehicle control system failed	Press Reset key of the main machine and reconnect
	Main machine control system communication failed	Press Reset key of the main machine and restart
	Too low storage battery voltage. System's automatic protection activated	Charge the storage battery to 12V
	Mis-set as blank mode	Touch the screen to restore the display
No sound played	System in mute mode	Press Mute key exit from mute mode
	Loose sound cabinet wire	Reconnect properly.
	Damaged sound cabinet	Replace with a new sound cabinet
No image played	Wrong disk position	Surface with label upwards on the tray
	Dirty or damaged disk	Try another disk
	Loose/bad wire connection	Reconnect properly.
	Wrong use of AUX input port	Please refer to AUX function operation for selecting ports
	Wrong iPod play video file setting	Please refer to descriptions of iPod function operation
Occasional sound skipping	Dirty or damaged disk	Try another disk
Sound skipping during vibration	Wrong installation of the main machine	Ensure fixing the main machine securely
	Wrong twisting direction of the disk changer installation screws	Place angle adjusting screws marked with V or H to the correction installation directions.
Disabled Bluetooth handsfree function	Wrong matching with the main machine	Rematch

Bluetooth matching failed or unable to match	Compatible problem exists between some models of cell phone Bluetooth and the product.	Replug the car key to start up and match
Touch failed/too slow action	Touch coordinate offset	Recalibrate the touch coordinate
	Main machine control system communication error	Press the Reset key to restart or restart the machine
Car reversing failed	Wrong or bad reversing wire connection	Reconnect
	Wrong or bad camera and back-up sensor connection	Reconnect
	Reversing setting isn't set as “On”	Access system settings, and set the reversing as “On”.
No key tone	The “Key tone” is set as “On”	Access system settings, and set “Key tone” as “On”
There is music but no accompanying sound during DVD playing	Wrong language setting	Reset the language key
	Set the speaker as 5.1CH mode and vehicle sound cabinet as 2CH/4CH. The setting doesn't match the device.	Set the speaker as stereo, and set the audio setting “5.1” as “Off”.
Key backlight can't be lit or normally lit.	The “Small lamp control” setting in factory mode is not corresponding the small lamp control wire connection mode or small lamp power supply.	Reset the small lamp control form
Disabled handbrake	Wrong or bad handbrake connection	Reconnect
	Under factory mode , grip brake control is set up to turn off mode .	Renew set up grip brake control to turn on mode.
Disabled steering wheel control	Wrong connection between steering wheel wire and steering wheel control wire of the main machine	Reconnect
	Failed connection between steering wheel and main machine	Redo steering wheel training
	The way of steering wheel control can not campatible with our host.	please contact with our company after professional service for technical sustain.
Disabled tire pressure detection Not accurate	Tire pressure detection setting error	Reset
	Insufficient or no tire pressure detection probe battery	Replace the battery